

WHAT IS CLAIMED IS:

1. An automatic inflator comprising a body for receiving a dissolvable pill, said dissolvable pill including an upper surface and a lower surface, at least one of said surfaces including an undulating configuration.
2. The automatic inflator as set forth in Claim 1, wherein said undulating configuration includes peaks and troughs.
3. The automatic inflator as set forth in Claim 2, wherein both said surfaces include said undulating configurations.
4. The automatic inflator as set forth in Claim 3, wherein said undulating configurations are aligned to be in phase with each other.
5. The automatic inflator as set forth in Claim 3, wherein said undulating configurations are aligned to be out of phase with each other.
6. The automatic inflator as set forth in Claim 1, wherein said undulations extend radially.
7. The automatic inflator as set forth in Claim 1, wherein said undulations extend concentrically.
8. The automatic inflator as set forth in Claim 1, wherein said undulations are in a checkerboard pattern.
9. The automatic inflator as set forth in Claim 1, wherein said automatic inflator comprises an annular pill with a center hole.
10. A pill for insertion into a bobbin of a bobbin assembly of an automatic inflator, said pill including a non-uniform configuration.
11. The pill as set forth in Claim 10, wherein said non-uniform configuration comprises a frustro-conical cross sectional configuration
12. A pill for insertion into a bobbin assembly of an automatic inflator, said pill including an upper surface, a lower surface, and a non-uniform configuration between said upper and lower surfaces comprising a

frustro-conical cross sectional configuration having a thinner outer edge and a thicker inner edge.

13. A pill for insertion into a bobbin of a bobbin assembly of an automatic inflator, wherein said pill comprises an annular pill with a center hole and includes an upper surface, a lower surface, and a non-uniform configuration between said upper and lower surfaces comprising a frustro-conical cross-sectional configuration having a thinner outer edge and a thicker outer edge.

14. A pill for insertion into a bobbin of a bobbin assembly of an automatic inflator, wherein said pill including an upper surface, a lower surface, and a non-uniform configuration between said upper and lower surfaces comprising a double frustro-conical cross sectional configuration having a thinner outer edge and a thicker inner edge.

15. The pill as set forth in Claim 14, wherein said double frustro-conical cross sectional configuration comprises a thinner middle portion.

16. A pill for insertion into a bobbin of a bobbin assembly of an automatic inflator, said pill including a non-uniform configuration comprising a double frustro-conical cross sectional configuration, wherein said pill comprises an annular pill with a center hole and wherein said frustro-conical cross sectional configuration comprises thicker outer and inner edges.

17. A pill for insertion into a bobbin assembly of an automatic inflator, said pill including an upper surface and a lower surface, both said surfaces including undulating configurations having peaks and troughs that are aligned to be out of phase with each other.

Express Mail Label No. ER460193264US | hereby
certify that this paper is being deposited with the US Postal Service
"Express Mail Post Office to Addressee" Service under 37 CFR 1.10
in an envelope addressed to: U.S. Patent and Trademark Office,
2011 South Clark Place, Customer Window, Mail Stop PAT. APP.
Crystal Plaza Two, Lobby Room 1803, Arlington, VA 22202 on this
date. The Commissioner is hereby authorized to charge any fees arising
herefrom at any time to Deposit Account No. 60-1009.
10-6-03
Date [Signature]
Signature